Wael N. Sayej, MD, FAAP

Curriculum Vitae

I am responsible for the accuracy of the CV and all nomination material

	Cignotius and Data
	Signature and Date
DEPARTMENT OF PRIMARY APPOINTMENT: Pediatrics	
ACADEMIC and FACULTY APPOINTMENTS	
Associate Professor of Pediatrics University of Connecticut School of Medicine Farmington, CT	Sept 10, 2018-Current
Assistant Professor of Pediatrics University of Connecticut School of Medicine Farmington, CT	July 2009 – Sept 2018
PROFESSIONAL EXPERIENCE Regional Medical Director for GI and Nutrition Connecticut Children's Subspecialty Group Connecticut Children's Medical Center, Hartford, CT	Sept 2018 – present
Attending Physician – Pediatric Gastroenterologist Division of Digestive Diseases, Hepatology & Nutrition Connecticut Children's Medical Center, Hartford, CT	July 15, 2009-present
Director, Eosinophilic Esophagitis Program and Center Division of Digestive Diseases, Hepatology & Nutrition Connecticut Children's Medical Center, Hartford, CT	March 1, 2015-present
Director, Pediatric Capsule Endoscopy Division of Digestive Diseases, Hepatology & Nutrition Connecticut Children's Medical Center, Hartford, CT	October 2009-present
Associate Medical Staff Department of Pediatrics Connecticut Children's Medical Center Saint Mary's Hospital, Waterbury, CT	May 9, 2013 – 2016
Consultant, Pediatric Gastroenterologist Department of Pediatrics Danbury Hospital, Danbury, CT	Feb 2011 – Present
Co-director, Connecticut Children's Aerodigestive Team (CCAT) Division of Digestive Diseases, Hepatology & Nutrition Connecticut Children's Medical Center, Hartford, CT	Feb 2012 – July 2014

A collaborative team between the departments of Gastroenterology, Pulmonology and ENT

Director, Pediatric Gastroenterology Fellowship Program

Department of Pediatrics

Division of Digestive Diseases, Hepatology & Nutrition Connecticut Children's Medical Center, Hartford, CT

University of Connecticut School of Medicine

Associate Director, Pediatric Gastroenterology Fellowship Program

Department of Pediatrics

Division of Digestive Diseases, Hepatology & Nutrition Connecticut Children's Medical Center, Hartford, CT

University of Connecticut School of Medicine

EDUCATION

Graduate School (MBA) 08/2010 – present

Aug 2014 – Jan 2018

Sept 2009 – April 2013

University of Connecticut

School of Business - Part-time MBA Program

Anticipated Degree: Masters in Business Administration:

Concentrations: Healthcare and Management Expected Completion/Graduation: Fall 2019

Medical School (MD) 08/1996 – 11/2000

Our Lady of Fatima University Fatima College of Medicine Valenzuela City, Philippines Degree: Doctor of Medicine (MD)

Undergraduate Education (BS) 09/1992 – 05/1996

College of Mount Saint Vincent (CMSV)

Riverdale, NY

Maior: Biology/Pre-Med with a concentration in Molecular Biology

Minor: Mathematics

Degree: Bachelor of Science

High School 09/1989 – 06/1992

Poughkeepsie High School

Poughkeepsie, NY

Degree: Honors Scientific Diploma

MEDICAL and POST-DOCTORAL TRAINING

Fellowship Training 07/2006 – 06/2009

Pediatric Gastroenterology, Hepatology and Nutrition

Digestive Diseases and Nutrition Center Women & Children's Hospital of Buffalo

University at Buffalo, Buffalo, NY

Internship and Residency Training 07/2003 – 06/2006

Pediatrics

UMDNJ – New Jersey Medical School (Rutgers University)

Newark, NJ

Affiliate Hospital: Hackensack University Medical Center

Hackensack, NJ

OTHER EDUCATIONAL EXPERIENCES

Hepatology and Transplantation

March 2008

I completed a one-month elective rotation at Cincinnati Children's Hospital and Medical Center.

Preceptors: Dr. William Balistreri and Dr. James Heubi

PRINT AND ORAL SCHOLARSHIPS

PUBLICATIONS

Asterisk (*) is for corresponding author (i.e. the person most responsible for the contents of the manuscript) as listed in the journal.

- Jensen T, Wanczyk H, Sharma I, Mitchell A, Sayej WN, Finck C. Polyurethane scaffolds seeded with autologous cells can regenerate long esophageal gaps: An esophageal atresia treatment model. J Pediatr Surg. 2018 Oct 22. PMID: 30429066
- 2. Mink R, Schwartz A, Carraccio C, et. al.; Steering Committee of the Subspecialty Pediatrics Investigator Network. Creating the Subspecialty Pediatrics Investigator Network. J Pediatr. 2018 Jan;192:3-4.e2. PMID: 29895838 (Role: Collaborator)
- 3. **Sayej WN***, Foster C, Jensen T, Chatfield S, Finck C. Expanding and characterizing esophageal epithelial cells obtained from children with eosinophilic esophagitis. Pediatr Res. 2018 June 12. PMID: 29895838
- 4. Fable JM, Fernandez M, Goodine S, Lerer T, **Sayej WN*.** Retrospective comparison of fluticasone propionate and oral viscous budesonide in children with eosinophilic esophagitis. J Pediatr Gastroenterol Nutr. 2017 May 9. PMID: 28489670.
- 5. Alkhouri RH, Bahia G, Smith AC, Thomas R, Finck C, **Sayej W**. Outcome of medical management of intraabdominal abscesses in children with Crohn's disease. J Pediatr Surg. 2017 Mar 30. pii: S0022-3468(17)30208-7. PMID: 28427855
- 6. Jensen TJ, Foster C, **Sayej W**, Finck CM. Conditional reprogramming of pediatric human esophageal epithelial cells for use in tissue engineering and disease investigation. J Vis Exp. 2017 Mar 22;(121). PMID: 28362412.
- 7. Grossi V, Bezler N, **Sayej WN**. An ulcer of the duodenum in an adolescent caused by a pancreatic neuroendocrine tumor. Clin Gastroenterol Hepatol. 2016 Sep 6. PMID: 27613258.
- 8. **Sayej WN***, Ménoret A, Maharjan AS, Fernandez M, Wang Z, Balarezo F, Hyams JS, Sylvester FA, Vella AT. Characterizing the inflammatory response in esophageal mucosal biopsies in children with eosinophilic esophagitis. Clin Transl Immunol. 2016; 5:e88. PMID: 27525061.
- 9. **Sayej WN***, Knight PR III, Guo WA, Mullan B, Ohtake PJ, Davidson BA, Khan A, Baker RD, Baker SS. Advanced glycation end products induce obesity and hepatosteatosis in CD-1 wild-type mice. BioMed Res Int. 2016;2016. Article ID 7867852. PMID: 26942201.
- 10. Semancik E, **Sayej WN*.** Oral immunotherapy for peanut allergy induces eosinophilic esophagitis: three pediatric case reports. Pediatr Allergy Immunol. 2016 Feb 17. PMID: 26888330.

- 11. Jensen T, Blanchette A, Vadasz S, Dave A, Canfarotta M, **Sayej** WN, Finck C. Biomimetic and synthetic esophageal tissue engineering. Biomaterials. 2015 Jul; 57:133-41. PMID: 25916501.
- 12. Hollander LL, Girard ED, Ruscher K, **Sayej W**, Finck C. Infected urachal cyst secondary to a Crohn's enterourachal fistula. J Pediatr Surg. 2012. PMID: 23217916.
- 13. Schaufler C, Lerer T, Campbell B, Weiss R, Cohen J, **Sayej W**, Hyams J. Pre-operative immunosuppression is not associated with increased post-operative complications following colectomy in children with ulcerative colitis. J Pediatr Gastroenterol Nutr. 2012 Oct; 55(4):421-4. PMID: 22395189.
- 14. Patel R, Baker SS, **Sayej** WN, Baker R. Two cases of helicobacter pylori-negative gastric outlet obstruction in children. Case Rep Gastrointest Med. 2011;2011. Article ID 749850. PMID: 22606426.
- 15. **Sayej WN***, Alkhouri R, Baker RD, Patel R, Baker SS. Esophagitis in children with celiac disease. ISRN Gastroenterol. 2011; 2011:489065. PMID: 21991513.
- Baker SS, Faden H, Sayej W, Patel R, Baker RD. Increasing incidence of community-associated atypical Clostridium difficile disease in children. Clin Pediatr (Phila). 2010 Jul; 49(7):644-7. Epub 2010 Feb 11. PMID: 20150212.
- 17. **Sayej W***, Patel R, Baker RD, Tron E, Baker SS. Treatment with high-dose proton pump inhibitors helps distinguish eosinophilic esophagitis from non-eosinophilic esophagitis. J Pediat Gastroenterol Nutr. 2009 Oct; 49(4):393-9. PMID: 19633574.
- 18. **Wael N. Sayej**, MD*, John Fisher, MD, Susan S. Baker MD, PhD. Two teens with retrosternal chest pain and odynophagia. Case report of two teens with minocycline-induced esophagitis. Consultant for Pediatricians. 2008 Aug; 7(8): 329-34.

BOOK CHAPTERS

- Grossi V, Sayej WN*. Colitis. In: Christine Waasdorp Hurtado, B. U. K. Li. The NASPGHAN Fellows Concise Review of Pediatric Gastroenterology, Hepatology and Nutrition. 2nd ed. [E-book] NASPGHAN, 2016
- 2. Grossi V, **Sayej WN*.** Radiation oncology. In: Christine Waasdorp Hurtado, B. U. K. Li. The NASPGHAN Fellows Concise Review of Pediatric Gastroenterology, Hepatology and Nutrition. 2nd ed. [E-book] NASPGHAN, 2016
- Mokha J, Sayej WN*. Colic and gas. In: Christine Waasdorp Hurtado, B. U. K. Li, The NASPGHAN Fellows Concise Review of Pediatric Gastroenterology, Hepatology and Nutrition. 2nd ed. [E-book] NASPGHAN, 2016
- 4. Mokha J, **Sayej WN*.** Appendicitis. In: Christine Waasdorp Hurtado, B. U. K. LiThe NASPGHAN Fellows Concise Review of Pediatric Gastroenterology, Hepatology and Nutrition. 2nd ed. [E-book] NASPGHAN, 2016
- 5. Pressley-Wallace A, **Sayej WN***. Chronic constipation and encopresis. In: Christine Waasdorp Hurtado, B. U. K. Li, The NASPGHAN Fellows Concise Review of Pediatric Gastroenterology, Hepatology and Nutrition. 2nd ed. [E-book] NASPGHAN, 2016

- 6. Todd J, **Sayej WN**, Finck C. Esophageal tissue engineering. In: Atta-ur-Rahman, Shazia Anjum, Frontiers in stem cell and regenerative medicine. Vol 3. United Arab Emirates: Bentham Science; [E-book], 11-04-2015-Ebk series/FSCRMR/EOI-59.
- 7. Schaufler C, Moote D, **Sayej W***. Ascites and peritonitis. In: Pohl JF, Jolley C, Gelfond D, Pediatric gastroenterology (a color handbook). 1st ed. CRC Press; May 27, 2014.

REVIEWER (Journals)

1.	British Medical Journal	2017
2.	Pediatric Allergy and Immunology	2015
3.	European Medical Journal	2014
4.	Journal of Gastroenterology and Hepatology	2012
5.	Digestive Diseases and Sciences	2011
6.	Alimentary Pharmacology & Therapeutics	2010

ORAL PRESENTATIONS AT REGIONAL, NATIONAL AND INTERNATIONAL CONFERENCES

- "What's on your plate?: Diet focus on maintaining remission and treating symptoms" CCF – Connecticut Patient and Family IBD Symposium – April 28, 2019 Sheraron Hartford South Hotel, Rocky Hill, CT
- "Management of IBD in Children"
 CCF Hartford Patient & Family Education Program October 18, 2018
 Bethany Lutheran Church, West Hartford, CT
- "What's On your Plate: Diet, Nutrition and IBD"
 CCF Connecticut Patient & Family IBD Symposium April 29, 2018
 Courtyard by Marriott, Cromwell, CT
- "Management of IBD in Pediatrics"
 CCF Connecticut Patient & Family IBD Symposium April 30, 2017
 Courtyard by Marriott, p;/Cromwell, CT
- 5. Building Brighter Futures Conference Invited speaker: "The Nuts and Grains of Eosinophilic Esophagitis," Mystic, CT April 7, 2017
- 6. Philippine Pediatric Society of America Invited speaker: "Inflammatory Bowel Disease in Children," Newark, NJ Oct 15, 2016
- "Management of IBD in Pediatrics"
 CCFA Connecticut Patient & Family IBD Symposium April 3, 2016
 Courtyard by Marriott Cromwell, CT
- 8. "Pediatric GI Poop-Pourri" Invited speaker: Connecticut Academy of Family Physician's (CAFP), Plantsville, CT Oct 21, 2015
- 9. "The Saga: Differentiating Eosinophilic Esophagitis vs. Gastroesophageal Reflux Disease" Invited speaker: The E'lite Pediatric GI Congress, Dubai, UAE, May 27-29, 2015
- "A Cytokine Signature from Esophageal Mucosa Differentiates Eosinophilic Esophagitis from Gastroesophageal Reflux Disease"
 Oral presentation: NASPGHAN meeting, Chicago, IL – Oct 12, 2013

- 11. "The Internet and Your Child with IBD: The Good, The Bad and the Ugly" Invited speaker: Pediatric IBD Day 2010 Manhattan, NY Oct 3, 2010 CCFA sponsored program; Manhattan, NY
- "Eosinophilic Esophagitis: What We Know in 2010"
 Invited speaker: The CTSGNA Annual Seminar Beyond the Scope 2010 Sept 25, 2010
 Hartford, CT
- 13. "Painless Gastrointestinal Bleeding in Children"
 Presented at the "Update in Pediatric Gastroenterology" to community pediatricians April 7, 2010
 Shelton, CT
- 14. "The Internet and IBD: What You Need to Know"

 Presented at the 4th Annual IBD Symposium Hartford, CT Oct 24, 2009
- "Prevalence of Esophagitis in Children with Celiac Disease"
 Oral presentation: NASPGHAN meeting, San Diego, CA Nov 2008
- 16. "High-Dose Acid Suppression Distinguishes Severe Reflux Esophagitis from Eosinophilic Esophagitis" Abstract #415 Oral presentation: Digestive Diseases Week 2008, San Diego, CA – May 2008

INVITED PRESENTATIONS

1.	"Common Gastrointestinal Causes of Feeding Difficulties in Infants and Children" Clinical Assessment and Intervention for Pediatric Feeding Problems Conference, H	March 9, 2019 artford, CT
2.	"Eosinophilic Esophagitis: Recognition, Diagnosis and Treatment" Grand Rounds presentation, Danbury Hospital, Danbury, CT	Oct 19, 2018
3.	"Food Allergies: Facts, Fads and Myth-Conceptions" The Children's Museum – West Hartford, CT	Jan 10, 2018
4.	"Failure to Thrive in Infants and Children" Grand Rounds presentation, Saint Mary's Hospital, Waterbury, CT	April 28, 2015
5.	"Gastroesophageal Reflux in Infants and Children" Grand Rounds presentation, Danbury Hospital, Danbury, CT	April 3, 2015
6.	"Diagnosis & Management of Gastroesophageal Reflux in Pediatric Patients" Grand Rounds presentation, Saint Mary's Hospital, Waterbury, CT	Jan 28, 2014
7.	"Reflux and Aerodigestive Disorders in Children" Presentation to the Speech Department at Connecticut Children's Medical Center	Feb 20, 2013
8.	"Connecticut Children's Aerodigestive Team" Grand Rounds presentation, Connecticut Children's Medical Center	Feb 19, 2013
9.	"Celiac Disease" Grand Rounds presentation, St. Francis Hospital, Hartford, CT Grand Rounds presentation, St. Francis Hospital, Hartford, CT	Feb 17, 2012
10	. "Eosinophilic Esophagitis: An Emerging Disease" Grand Rounds presentation, Day Kimball Hospital, Putnam, CT	Jan 11, 2012

11. "Eosinophilic Esophagitis: An Emerging Disease" Grand Rounds presentation, Danbury Hospital, Danbury, CT	Nov 22, 2011
12. "Approach to Lower Gastrointestinal Bleeding in Children" Grand Rounds presentation, Connecticut Children's Medical Center	May 18, 2010
13. "Phlegmons in Children with Crohn's Disease" Presented at the Pediatric IBD Workshop, San Diego, CA	April 2009
14. "Biomarkers in Non-Alcoholic Steatohepatitis" Presentation, 3 rd Year Fellows Conference, Scottsdale, AZ	April 2009
15. "Phlegmons" in children with Crohn's disease: case series and discussion 2 nd Upstate Pediatric Gastroenterology Conference, Skaneateles, NY	Nov 2008
16. "Phlegmons" in children with Crohn's disease: case presentation Inter-City Inter-Departmental IBD Quarterly Conference, Buffalo, NY	Oct 2008
17. "Infantile Botulism – Report of 2 Cases" Grand Rounds, UMDNJ-New Jersey Medical School	March 2006
18. "How to Evaluate the Child with Fever" Grand Rounds, UMDNJ-New Jersey Medical School	Jan 2006
PRESENTATIONS TO FELLOWS, RESIDENTS AND MEDICAL STUDENTS	
 "Gastroesophageal Reflux in Infants and Children" University of Saint Joseph, West Hartford, CT Physician Assistant Program, Gastrointestinal Diseases and Nutrition Lectures 	Feb 8, 2018 s
 Advanced Clinical Problem-Solving Elective USMLE Step 2 CK Board Review Elective course for 4th year medical students – UCONN 	July 10, 2017
 Advanced Clinical Problem-Solving Elective USMLE Step 2 CK Board Review Elective course for 4th year medical students – UCONN 	July 21, 2016
"Gallbladder and Pancreatic Disease in Children" Resident didactic lecture - Connecticut Children's Medical Center	Dec 18, 2015
 Advanced Clinical Problem-Solving Elective USMLE Step 2 CK Board Review Elective course for 4th year medical students - UCONN 	July 23, 2015
"Acute and Chronic Pancreatitis" Presented to the Department of Pediatric Gastroenterology	May 5, 2015
7. "Pediatric Gastroenterology" Pediatric elective course for 1st and 2nd year medical students - UCONN	Feb, 2015
8. Advanced Clinical Problem-Solving Elective USMLE Step 2 CK Board Review	July 11, 2014

Elective course for 4th year medical students - UCONN

9. "Syndromes with GI Manifestations" Resident didactic lecture - Connecticut Children's Medical Center	Aug 3, 2012
10. "Enteral Nutrition: The Alternatives" Presentation on enteral nutrition and feeding tubes given to Dentistry Residents at Connecticut Children's	Feb 6, 2012
11. "Jaundice and Bilirubin Metabolism" Resident didactic lecture - Connecticut Children's Medical Center	Sept 2, 2011
12. "Childhood Obesity" Resident didactic lecture - Connecticut Children's Medical Center	Feb 19, 2009
13. "Inflammatory Markers and Mediators in Non-Alcoholic Steatohepatitis" Presentation to Fellowship Oversight Committee, University at Buffalo	Jan 2009
14. "Prevalence of Esophagitis in Children with Celiac Disease" Presented to the Department of Pediatric Gastroenterology	Nov 2008
15. "Treatment with High Dose Proton Pump Inhibitors Helps Distinguish Eosinophilic Esophagitis from Non-Eosinophilic Esophagitis" Eosinophilic Esophagitis Conference: Women & Children's Hospital of Buffalo Presented to an audience consisting of Allergists, ENT's, Pathologists and Gastroer	Nov 2008 nterologists
16. Case Presentation: "A 16-year-old girl with Crohn's disease and intractable secretory diarrhea" Inter-city Inter-departmental IBD Quarterly Conference	July 2008
17. Case Presentation: "The difficult pediatric patient with IBD" Inter-city Inter-departmental IBD Quarterly Conference	Feb 2007
18. Lecture on "Inflammatory Bowel Disease: Everything That We Know in 2006" Presented to the GI department, Pediatric residents and medical students Women & Children's Hospital of Buffalo, University at Buffalo	Dec 2006
19. Lecture to residents and medical students "Genetic Syndromes with Gastrointestinal Manifestations" UMDNJ – New Jersey Medical School	Sept 2005
COMMUNITY PRESENTATIONS Lunch & Learn talks	
 Alliance Medical Group Wildwood Pediatrics, Essex, CT Enfield Pediatrics, Enfield, CT South Windsor Pediatrics/Pro Health, South Windsor, CT Children's Medical Associates, PC, Ansonia, CT Hebron Family Medicine, Hebron, CT Mansfield Pediatrics, Mansfield Center, CT Pediatric Associates of Western CT Alliance Medical Group, Middlebury, CT 	Dec 10, 2018 May 11, 2018 January 8, 2018 Sept 18, 2017 July 28, 2017 June 12, 2017 April 17, 2017 April 4, 2017 Feb 6, 2017

10. Vernon Pediatrics, Vernon, CT

11. Center for Pediatric Medicine, Danbury, CT

12. East Granby Family Practice, LLC, Granby, CT

Dec 5, 2016 Oct 11, 2015 Sept 11, 2015

ABSTRACTS/POSTERS

- Foster, Christopher; Chatfield, Sydney; Jersen, Todd; Wang, Zhu; Finck, Christine, Sayej, Wael N. A gene expression array as a diagnostic test in pediatric Eosinophilic esophagitis. [poster presentation Sa1165-2018]; DDW; 2018; Washington, DC.
- 2. Pressley-Wallace A., Foster C., Chatfield S.; **Sayej WN.** The IL-10/IL-5 ratio as a potential tool for monitoring the inflammatory process in eosinophilic esophagitis. [poster presentation]; NASPGHAN; 2017; Las Vegas, NV.
- 3. Wong J., **Sayej WN.** Clinical aspects of dietary therapy in children with Eosinophilic esophagitis. [poster presentation]; NASPGHAN; 2017; Las Vegas, NV.
- 4. Hajjat T., Weber B., Mohr F., **Sayej WN**. Utility of video capsule endoscopy in pediatric patients: A single center experience. [poster presentation]; NASPGHAN; 2017; Las Vegas, NV.
- 5. BradleyJerson, Barbara Rzepski, Zev Davidovics, Karan Emerick, Melissaa Fernandes, Franziska Mohr, Jasmeet Mokha, Kristin Philipp, Wael Sayej, Heidi Sweeney, Peter Townsend, Bella Zeisler, Jeffrey Hyams. "We agree, It's not in your head" The successes and challenges of integrating psychosocial care: A review of one year with an embedded pediatric psychologist. [poster presentation]; NASPGHAN; 2017; Las Vegas, NV.
- 6. Jensen T, Mitchell A, Sharma I, **Sayej W**, Finck C. Synthetic scaffolding and amniotic fluid mesenchymal stem cells: a new surgical option for long gap esophageal atresia?. CAPS [podium presentation]; 2017 Oct 5-7; Alberta, Canada.
- 7. Jensen T, Mitchell A, Sharma I, **Sayej W**, Finck C. Tissue engineering approaches for treating long gap esophageal atresia. NESS [podium presentation]; 2017 Sept 8-10; Bretton Woods, NH.
- 8. Jensen T, Mitchell A, **Sayej W**, LaFrancesca S, Finck C. Esophageal scaffolds seeded with epithelial cells for esophageal replacement therapy. American Pediatric Surgery Association; 2017 May; Hollywood, FL. [best poster overall: Poster with 1-Minute Oral] [best poster overall: Poster with 1-Minute Oral]
- 9. Pressley-Wallace A, **Sayej WN.** The IL 10/IL 5 ratio as potential tool for monitoring the inflammatory process in eosinophilic esophagitis. [poster presentation]; Pediatric Academic Society; 2017 May; San Francisco, CA.
- Pressley-Wallace A, Sayej WN. The IL 10/IL 5 ratio as potential tool for monitoring the inflammatory process in eosinophilic esophagitis. [oral presentation] Eastern Society for Pediatric Research, 2017 March; Philadelphia, PA.
- 11. Wong J, Goodine S, Wang Z, **Sayej WN**. Efficacy of dietary therapy in children with eosinophilic esophagitis. [poster presentation] Eastern Society for Pediatric Research; 2017 March; Philadelphia, PA.
- 12. **Sayej WN**, Fernandez ML, Goodine S. Esophageal eosinophilia in pediatric patients with celiac disease resolves on a gluten free diet. [poster presentation] World Congress of Pediatric Gastroenterology, Hepatology and Nutrition; 2016 Oct; Montreal, Canada.

- 13. **Sayej WN,** Jensen T, Foster C, Fernandez M, Finck C. Characterization of cultured esophageal epithelial cells from pediatric patients with eosinophilic esophagitis. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition; 2016 Oct; Montreal, Canada. [awarded: Poster of Distinction]
- 14. Loh K, Bezler NS, Emerick K, **Sayej WN.** A rare case of symptomatic hereditary hemochromatosis in a 5-year-old male. [poster presentation] World Congress of Pediatric Gastroenterology, Hepatology and Nutrition; 2016 Oct; Montreal, Canada.
- 15. **Sayej WN**, Fernandez ML, Alexander L, Ritter P, Zeiter D, Mohr F. A prospective, randomized, single blinded study to evaluate two different 1-day bowel preparation regimens in children ages 8-21 years undergoing capsule endoscopy. [poster presentation] World Congress of Pediatric Gastroenterology, Hepatology and Nutrition; 2016 Oct; Montreal, Canada.
- 16. Jensen T, Pease M, Drinnan C, Mitchell A, Sayej WN, Finck C. Treatment of pediatric esophageal disease with a tissue engineered biomimetic construct. [oral presentation] TERMIS 4th World Congress; September 9-11, 2015; Boston, MA
- 17. Rana A, Lerer T, Fernandez M, Hyams J, Sylvester FA, **Sayej W**. Routine premedication with intravenous methylprednisolone can prevent the need for dose intensification of infliximab in children with Crohn's disease. [poster presentation] NASPGHAN; 2015; Washington, DC.
- 18. Mokha J, Caimano M, Radolf J, **Sayej W.** Comparison of the gastric fluid microbiome of children with and without eosinophilic esophagitis. [poster presentation] NASPGHAN; 2015; Washington, DC.
- 19. Samela K, Vance K, Chatfield B, Goodine S, Lerer T, **Sayej WN.** Give SFED a chance. [poster presentation] NASPGHAN; 2015; Washington, DC.
- 20. Fable J, Fernandez M, Lerer T, **Sayej WN.** Comparison of oral topical corticosteroids in pediatric patients with eosinophilic esophagitis. [poster presentation] NASPGHAN; 2015; Washington, DC.
- 21. Semancik E, **Sayej WN.** Case series: peanut allergy oral immunotherapy inducing eosinophilic esophagitis. [poster presentation] NASPGHAN; 2015; Washington, DC.
- 22. Grossi V, Bezler N, Finck C, **Sayej W.** A rare case of duodenal ulcer in an adolescent male. [poster presentation] NASPGHAN; 2015; Washington, DC.
- 23. Alkhouri R, Bahia G, **Sayej W.** The outcome of medical management with IV antibiotics of intraabdominal abscesses in children with Crohn's disease. [poster presentation] NASPGHAN; 2014; Atlanta, GA.
- 24. Maharjan A, **Sayej WN**, Ménoret A, Fernandez ML, Sylvester FA, Hyams JS, Vella AT. Biological assay to characterize esophageal lavage fluid from children with eosinophilic esophagitis. [poster presentation] NASPGHAN; 2014; Atlanta, GA.
- 25. **Sayej WN**, Fernandez ML, Sylvester FA, Hyams JS, Vella AT, Ménoret A. T-lymphocyte isolation and phenotyping from esophageal biopsies in children with eosinophilic esophagitis: pilot study. [poster presentation] DDW; 2013; Orlando, FL.
- 26. Ménoret A, Fernandez M, Sylvester FA, Hyams JS, Vella AT, **Sayej WN.** Proteomic mining of esophageal lavage from children with eosinophilic esophagitis. [poster presentation] DDW; 2013; Orlando, FL.

- 27. Francisco A. Sylvester*, Jeffrey S. Hyams, **Wael N. Sayej**, Bella Zeisler, Donna Zeiter, Karan Emerick, Marina Fernandez; "A 12-hour bowel prep with polyethylene glycol 3350 is effective, well tolerated and safe in children" **Oral presentation** presented by Dr. Sylvester at DDW; May 19-22, 2012; San Diego, CA
- 28. Candi Schaufler*, Trudy Lerer, Brendan T. Campbell, Richard Weiss, Jeffery L. Cohen, Donna Zeiter, Wael N. Sayej, Jeffrey S. Hyams; "Pre-operative Immunosuppression is Not Associated with Increased Post-Operative Complications Following Colectomy in Children With Ulcerative Colitis" Oral presentation presented by C. Schaufler at DDW; May 7-11, 2011; Chicago, IL: Control ID: 992899
- 29. J. Stumphy*, D. Morgan, L. White, D. Zeiter, **W. Sayej,** F. Sylvester, J. Hyams; "Infliximab as primary therapy for Crohn's disease in children" [poster presentation] NASPGHAN Annual Meeting; October 21-24, 2011; New Orleans, LA
- 30. Raza A. Patel*, Susan S. Baker, **Wael N. Sayej**, Robert D. Baker; "Two cases of H. Pylori Negative Peptic Ulcer Disease leading to Gastric Outlet Obstruction" [poster presentation] NASPGHAN Annual Meeting; October 21-24, 2011; New Orleans, LA
- 31. **Sayej WN,** Knight PK III, Ye L, Baker RD, Baker SS. CXCL-10 is a potential marker for autoimmune hepatitis. JPGN: 49 Suppl 1: E76; 2009. [poster presentation] NASPGHAN; 2009 Nov 12-14; National Harbor, MD.
- 32. **Sayej W,** Patel R, Baker R, Baker S. Terminal ileal disease and positive ASCA IgA and IgG may be predictors for development of phlegmons in children with Crohn's disease. JPGN: 49 Suppl 1: E62; 2009. [poster presentation] NASPGHAN; 2009 Nov 12-14; National Harbor, MD.
- 33. Baker SS, Faden H, **Sayej WN**, Patel R, Baker RD. Clostridium difficile infection in children undergoing colonoscopy. [poster presentation] DDW; 2009 May; Chicago, IL. [awarded Poster of Distinction]
- 34. **Sayej W**, Patel R, Baker R, Tron E, Baker S. Treatment with high dose proton pump inhibitors helps distinguish eosinophilic esophagitis from non-eosinophilic esophagitis. [poster presentation] NASPGHAN; 2008 Nov; San Diego, CA. [awarded Poster of Distinction]
- 35. Lightfoot T, et al, Baker S, **Sayej W.** IgG-RBC sensitization associated with serine proteases and an IgG autoantibody in a patient with ulcerative colitis. [poster presentation] American Association of Blood Banks (AABB) Annual Meeting and TXPO 2008; 2008 Oct 4-7; Montreal, QC.
- 36. **Sayej W**, Tron E, Baker R, Baker S. One-step percutaneous endoscopic gastrojejunostomy tube placement, a new technique for gastroenterologists: case report of 3 patients. [poster presentation] NASPGHAN; 2007 Nov; Salt Lake City, UT.
- 37. **Sayej W,** Tron E, Baker R, Baker S. Endoclipping of gastrocutaneous fistula in a 7-year-old girl after removal of gastrostomy tube: case report. [poster presentation] NASPGHAN; 2007 Nov; Salt Lake City, UT.
- 38. Vitale E, Yildirim-Tourner C, Subramanian K, **Sayej W**, Schwalb MN, Cook S. Candidate gene analysis for multiple sclerosis on 12p12 in a large North American pedigree. Eur J Hum Genet. 2003 May; 11 Suppl 1: 236.

COLLABORATION IN NATIONAL STUDIES - ABSTRACTS

- 1. Mink RB, Carraccio CL, Herman BE, Weiss P, Turner DA, Stafford DE, Hsu DC, High PC, Fussell JJ, Curran ML, Chess PR, Schwartz A for SPIN. The link between milestone levels and fellow entrustment for the common pediatric subspecialty entrustable professional activities. [oral and poster presentation] Annual education meeting, Accreditation Council for Graduate Medical Education; 2016 Feb; National Harbor, MD.
- 2. Mink RB, Schwartz A, Herman BE, Turner DA, Myers AL, Kesselheim JC, Hsu DC, Curran ML, Carraccio CL for SPIN. Reliability and validity of a supervision scale for the common pediatric subspecialty entrustable professional activities. [poster presentation] Annual education meeting, Accreditation Council for Graduate Medical Education; 2016 Feb; National Harbor, MD.
- 3. Mink RB, Carraccio CL, Schwartz A, Dammann CE, High PC, McGann KA, Herman BE for SPIN. Creation of a pediatric subspecialty educational research network. [poster presentation] Annual spring meeting, Association of Pediatric Program Directors; 2016 April; New Orleans, LA.
- 4. Mink RB, Schwartz A, Herman BE, Curran ML, Hsu DC, Kesselheim JC, Myers AL, Turner DA, Carraccio CL. Creation and validation of entrustment scales for the common pediatric subspecialty entrustable professional activities (EPAs). [oral presentation] Annual spring meeting, Association of Pediatric Program Directors; 2016 April; New Orleans, LA.
- 5. Mink RB, Carraccio CL, Herman BE, Aye T, Baffa JM, Chess PR, Fussell JJ, Sauer CG, Stafford DE, Weiss P, Schwartz A for SPIN. Do fellowship program directors (FPD) and clinical competency committees (CCC) agree in fellow entrustment decisions? [poster presentation] Annual spring meeting, Association of Pediatric Program Directors; 2016 April; New Orleans, LA.
- 6. Mink RB, Carraccio CL, Schwartz A, Dammann CE, High P, Kesselheim JC, McGann K, Herman BE. Establishing a medical education research network for the pediatric subspecialties. [poster presentation] Annual spring meeting, Pediatric Academic Societies; 2016 May; Baltimore, MD.
- 7. Mink RB, Carraccio CL, Herman BE, Dammann C, Mahan J, Pitts S, Sauer CG, Schwartz A. Variability in fellow entrustment across the pediatric subspecialties for the common pediatric subspecialty entrustable professional activities (EPAs). [poster presentation] Annual spring meeting, Pediatric Academic Societies; 2016 May; Baltimore, MD.

RESEARCH SUPPORT / FUNDING / GRANTS

• NIH/SBIR (Finck, PI) 4/1/2018 – 9/30/2020

- A retrievable autologous bioengineered esophageal implant as a novel treatment for long-gap esophageal atresia (R44)
- Purpose of this grant is to explore the use of a retrievable scaffold as a way to treat pediatric esophageal defects and injuries using Biostage's cellspan esophageal implant.
- Role: Clinical Advisor (5%)
- Direct costs: \$747,782

• Shire (Sayej, PI) 12/7/2017 - Current

- SHP621-301: Oral Budesonide Suspension (OBS) in Adolescent and Adult Subjects (11 to 55 Years of Age, Inclusive) with Eosinophilic Esophagitis (EoE): A Phase 3, Multicenter, Doubleblind Placebo-controlled Study
- SHP621-302: A Phase 3, Multicenter, Double-blind Extension Study to Evaluate Maintenance of Efficacy of Oral Budesonide Suspension (OBS) and Long-term Treatment Effect of OBS in

Adolescent and Adult Subjects (11 to 55 Years of Age, Inclusive) with Eosinophilic Esophagitis (EoE)

• CCMC (Sayej, PI) 10/15/2015 - 2018

Connecticut Children's Strategic Research Funds

"Novel in-vitro and biomimetic system for patient-specific testing for eosinophilic esophagitis"

• CCMC (Sayej, PI) 10/15/2012 - 2014

Connecticut Children's Strategic Research Funds

"Identifying the immunologic response in patients with eosinophilic esophagitis"

• CCMC Friends (Sayej, PI) 7/1/2013 – 6/30/2016

Adopt-a-Program grant (CCMC Friends)

"Endoscopic phenotypes in patients with eosinophilic esophagitis are associated with unique molecular fingerprints: a pilot study"

- Direct costs: \$25,000

CURRENT AND PAST RESEARCH PROJECTS

- PI: SHIRE: SHP621-301: Oral Budesonide Suspension (OBS) in Adolescent and Adult Subjects (11 to 55 Years of Age, Inclusive) with Eosinophilic Esophagitis (EoE): A Phase 3, Multicenter, Doubleblind Placebo-controlled Study CCMC IRB Approval #17-084 on 11/12/2017
- PI: SHP621-302: A Phase 3, Multicenter, Double-blind Extension Study to Evaluate Maintenance of Efficacy of Oral Budesonide Suspension (OBS) and Long-term Treatment Effect of OBS in Adolescent and Adult Subjects (11 to 55 Years of Age, Inclusive) with Eosinophilic Esophagitis (EoE) – CCMC IRB Approval #17-086 on 11/12/2017
- 3. PI: "Utility of the Video Capsule Endoscopy in the Pediatric Population: A Single Center Retrospective Review" CCMC IRB Approval #17-049 on 5/18/2017
- 4. PI: "A Pilot Study to Evaluate Histologic Differences in Biopsies obtained from Furrowed vs. Non-Furrowed Areas in Pediatric Patients with Eosinophilic Esophagitis" CCMC IRB Approval #16-045 on 8/9/2016
- 5. PI: "A Clinical and Research Database to Track and Monitor Pediatric Patients with Eosinophilic Esophagitis" CCMC IRB Approval #15-046 on 9/28/2015 Ongoing, recruiting patients
- 6. Co-PI: "Assessing the Association Between EPAs, Competencies and Milestones in the Pediatric Subspecialties" CCMC IRB Approval #14-105 2014
- 7. PI: "Comparing clinical outcomes in pediatric patients with eosinophilic esophagitis treated with Budesonide or Fluticasone Propionate" CCMC IRB Approval #14-113 on 1/7/2015 Completed
- 8. PI: "A Laboratory Model of Human Esophageal Epithelial Cells Developed from Adult Stem Cells from Patients with Eosinophilic Esophagitis" CCMC IRB Approval # 13-094 on 10/16/2013 Completed (closed on 7/24/2017)
- 9. PI: "A Prospective, Randomized, Single Blinded Study to Evaluate Two Different 1-Day Bowel Preparation Regimens in Children Ages 8-21 Years Undergoing Capsule Endoscopy" CCMC IRB Approval # 13-008 on 3/11/2013 Recruiting Patients
- "Unique Cytokine Network in Eosinophilic Esophagitis: Implications for Diagnosis and Monitoring of Disease Activity" – CCMC IRB Approval #11-041 on 9/15/2011 - Completed

OTHER RESEARCH AND VOLUNTEER EXPERIENCE

University of Medicine and Dentistry of New Jersey

07/2002 - 01/2002

Research Associate: Department of Molecular Biology and Human Genetics

Research project on multiple sclerosis. Performed techniques including PCR's, Electrophoresis, Western Blot, DNA extraction, DNA Sequencing and Analysis.

Fatima College of Medicine, Metro Manila, Philippines

08/1996 - 09/1997

Research Project Leader: Hepatitis B vaccination

Did a comparative study of a recombinant vaccine vs. a human-derived vaccine and measured antibody levels using ELISA.

Lincoln Hospital, Bronx, NY

09/1995 - 01/1996

Volunteer Research Assistant

Participated in several research projects on ankle sprains, and HIV and CMV infections

EDUCATIONAL GRANTS

NASPGHAN Nutrition University

April 2013

Travel grant to attend this 2-day course in Chicago, IL. The course is designed to provide specialized nutrition education in areas associated with the practice of pediatric gastroenterology and nutrition

Pediatric IBD Academic Workshop

April 2009

Travel grant to attend the Pediatric IBD Academic Workshop in San Diego, CA
A program sponsored by Cedars Sinai Medical Center and supported by educational grants from Centocor, Inc., Abbott Laboratories, and UCB Pharma

• Mayo-Clinic Endoscopy Live – 2008

Nov 2008

I was one of 15 fellows awarded a scholarship to attend the hands-on endoscopy course in Orlando, FL

• 2008 Mentoring in Inflammatory Bowel Disease

Feb 2008

Travel grant to attend the 2008 Mentoring in Inflammatory Bowel Disease Program at the Annenberg Center for Health Sciences in Rancho Mirage, CA

A program supported by an independent educational grant from Abbott Laboratories

Pediatric IBD Academic Workshop

April 2007

Travel grant to attend the Pediatric IBD Academic Workshop in Las Vegas, NV

A program sponsored by Cedars Sinai Medical Center and an educational grant from Centocor, Inc.

National Pancreas Foundation Fellows Symposium

April 2007

Travel grant to attend the National Pancreas Symposium for Fellows in Bloomingdale, IL A program supported by an educational grant from Solvay Pharmaceuticals

UNIVERSITY AND HOSPITAL SERVICES

Connecticut Children's Medical Center / UCONN

•	Reviewer for the Department of Pediatric Surgery Seed Grants	March 2018
•	Physician Engagement Team	2017 – present
•	Pediatric GI/Surgery Service Line	2016 - present
•	Department of Pediatrics Strategic Plan EDUCATION Mini-Retreat	June 17, 2015
•	Department of Pediatrics Strategic Plan RESEARCH Mini-Retreat	June 16, 2015

 Institutional Review Board Member Mentor for Residents and Fellows Angela Pressley-Wallace (fellow) – July 2014 – June 2018 – Research mentor Jonathan Wong – 2016-2017, Research, Clinical Mentor – Matched with Wiston Katrina Loh – 2016, Research – Matched with Children's National 2016 Ajay Rana (fellow) – July 2013 – July 2015 – Research and Clinical Mentor 	sconsin 2017
 Rose Lee – 2013-2016, Clinical Mentor – Matched with Nationwide Children Candi Schaufler – 2014, Gl mentor, Research – Matched with CHOP 2014 Chair, Pediatric Gastroenterology Fellowship Clinical Competency Committee Co-director, Connecticut Children's Aerodigestive Team Helped create the program Director, Capsule Endoscopy Program 	2013 – 2014 2011 – 2014 2010 – present
 Created the program Director, Pediatric GI/Radiology/Surgery CME Activity Director, Pediatric GI/Pathology CME Activity Director, Pediatric Gastroenterology Fellowship Associate Director, Pediatric Gastroenterology Fellowship Incoming resident interviewee Participated in residents' noon conferences 	2011 – 2018 2011 – 2018 2010 – 2013 2010 – 2013 2009 – 2016 2009 – present
 Scholarship Oversight Committee at CCMC/UCONN Endocrinology fellow (Dr. Massiel Sarmiento) Neonatology fellows (Dr. Kendall Johnson, Susan Pitts, Assad Maushumi, and Jenr Gastroenterology fellow (Dr. Ajay Rana) Emergency Medicine fellow (Dr. Henry Chicaiza) 	2017 – present nifer Caldwell) 2016 – present 2013 – 2015 2012 – 2014
 Pediatric Gastroenterology Fellowship Started program with Dr. Francisco Sylvester Developed fellowship didactics curriculum Developed fellows' schedules Developed GI/Radiology/Surgery and GI/Pathology CME activity programs 	2010 2010 – present 2010 – present 2010 – present
 Fellowship: Buffalo, NY Internal Review Committee, Anesthesiology Training Program at the Women & Chil Buffalo Internal Review Subcommittee, ENT program, University at Buffalo, SUNY 	dren's Hospital of 2009 2009
 Residency: UMDNJ-NJMS UMDNJ-NJMS: Resident representative for ACGME Site Visit (peer selected) UMDNJ-NJMS: University Medical Residents Services UMDNJ-NJMS: AAP Resident Representative UMDNJ-NJMS: Committee for Interns and Residents (CIR) 	2008 2007 – 2009 2004 – 2006 2003 – 2006
COMMITTEES Pediatric Advisory Committee for the FDA Special Government Consultant Serving a 3-year term	2016 – present
 NASPGHAN NASPGHAN: Training Committee faculty member NASPGHAN: Training Committee fellow member NASPGHAN: Teaching and Tomorrow Program Planning and Organizing 	2011 – present 2007 – 2009 2008

NASPGHAN: Teaching and Tomorrow Program Application Reviewer	2008
 Fellowship 2006-2009 – University at Buffalo, SUNY (UB) UB: Fellowship Oversight Committee voting member for Dr. Humaira Hashmi at Universitye Diseases & Nutrition Center, University at Buffalo, NY UB: Lab Director Search Committee 	JB 2008 2008
 Digestive Diseases & Nutrition Center, University at Buffalo, NY UB: Graduate Medical Education Committee UB: Fellowship Candidate Search Committee Digestive Diseases & Nutrition Center, Women & Children's Hospital of Buffalo 	2008 – 2009 2007 – 2009
 Inflammatory Bowel Disease Interdepartmental Conferences Committee Member UB: GI-Radiology CME Planning Committee 	2006 – 2009 2007 – 2009
 UCONN/CCMC PEDIATRIC RESIDENCY PROGRAM PARTICIPATION GI Interest Club Faculty Advisor Residency applicant interviewer 	2010 – 2017 2009 – present
 HONORS AND AWARDS Fellow of the American Academy of Pediatrics Listed in Hartford Magazine: Top Doctors in Hartford Listed in Best Doctors in America and Hartford "Top Doc" 	2009 – Current 2015 – 2018 2013 – 2019
 Connecticut Children's Medical Center - UCONN Resident didactics Teaching Award Certificate of Special Recognition from Senator Richard Blumenthal (In honor of receiving the Chabad of the Valley Melvin Friedland Maimonides Awa Chabad of the Valley Melvin Friedland Maimonides Award McNeill Teaching Award Faculty award for outstanding teacher and dedication to resident education 	Dec 2015 Feb 10, 2013 ard) Feb 10, 2013 Jan 2012
 Connecticut Children's Medical Center, University of Connecticut School of Medical McNeill Teaching Award McNeill Teaching Award Faculty award for outstanding teacher and dedication to resident education Connecticut Children's Medical Center, University of Connecticut School of Medical UConn-CCMC Pediatric PL-2 Resident Retreat Invited Faculty UConn-CCMC Pediatric PL-1 Resident Retreat Invited Faculty McNeill Teaching Award Faculty award for outstanding teacher and dedication to resident education Connecticut Children's Medical Center, University of Connecticut School of Medical Center, University of Connecticut School of Medical Center in Guide to America's Top Pediatricians by Consumer's Research Council 	May 2011 cine Sept 2010 April 2010 Jan 2010 cine of America
Residency: UMDNJ-New Jersey Medical School UMDNJ- New Jersey Medical School 2006 Continuity Practice Award for Outstanding Performance and Achievement	2007-2010 2006
 Undergraduate: CMSV Dean's Award for four years of service in Student Government (CMSV) Dean's Award for excellence in service to the college community (CMSV) Who's Who Among Students in American Colleges and Universities Pi Mu Epsilon Honors Society – Manhattan College Chapter (Mathematics) President of the Student Body (CMSV) Executive Vice President of the Student Body (CMSV) College of Mount Saint Vincent Alumni Association Academic Scholarship 	1996 1996 1996 1996 1995 – 1996 1994 – 1995 1992 – 1996

 College of Mount Saint Vincent Honors Program High School National Honors Society 	1992 – 1996 1992
 VOLUNTEER ACTIVITIES Volunteer - Immunization Delivery Missions, Manila, Philippines Volunteer - Family Medicine Medical Missions, Manila, Philippines 	1997 – 1999 1997 – 1998
 CERTIFICATIONS United States Medical License Exam – Step 3 Permanent ECFMG Certification: # 0-608-257-2 Clinical Skills Assessment Examination (CSA) United States Medical License Exam – Step 2 United States Medical License Exam – Step 1 	Jan 2005 Jan 2002 Nov 2002 Oct 2001 Aug 2001
 TRAINING CERTIFICATIONS Pediatrics Advanced Life Support current Infection Control and Barrier Precautions (NYSNA) CITI Course in the Protection of Human Research Subjects Human Participants Protections Education for Research Teams (NIH) Identification and Reporting of Child Abuse in New York State Pediatrics Advance Life Support Basic Life Support Neonatal Advance Life Support 	Feb 2006- Aug 2008 June 2007 July 2006 June 2006 2012, 2014 2012 Oct 2003
 PROFESSIONAL ASSOCIATIONS Hartford County Medical Association Association of Pediatric Program Directors American Partnership for Eosinophilic Disorders Connecticut State Medical Society Hartford County Medical Association American Society for Gastrointestinal Endoscopy (ASGE) American Gastroenterological Association (AGA) American Association for the Study of Liver Disease (AASLD) North American Society for Pediatric Gastroenterology, Hepatology and Nutrition American Academy of Pediatrics 2019 - current American Medical Association American Medical Students Association 	2018 - Present 2010 - present 2013 - present 2010 - 2012 2010 - 2012 2008 - 2010 2007 - present 2006 - 2009 2006 - present 2003 - 2009; 2003 - 2005 1999 - 2001
 BOARD CERTIFICATIONS Certified: Subspecialty of Pediatric Gastroenterology Certified: American Board of Pediatrics MOC cycle 8/14/2017 – 12/15/2022 National Board of Physicians and Surgeons (NBPAS) 	2011 – 2021 2007 – 2017 2014 - Current

LICENSURE

State of Connecticut Medical License (#047256) Issued: 12/23/2008 Expires: 10/31/2019

State of Connecticut Controlled Substance Registration (# DSP44853) Issued: 01/29/2009 Expires: 02/28/2020

• Federal DEA License (#FS1144358)

Issued: 11/07/2008 Expires: 02/29/2020

New York State Unrestricted Medical License (#241205)
 Issued: 07/25/2006 Expires: 09/30/2017

Deactivated September 2017

Ohio State Training Medical License (Training License)

2008

SPOKEN LANGUAGES

- English
- Arabic Fluent (spoken and written)